PROGRAM TITLE: GAS PHASE CONTROL

OBJECTIVE: Reduce gas phase components (CO, NO, HCN, RCHO, etc.) in cigarette smoke.

PROGRAM APPROACH AND TIMING:

A.	Define practical filter materials for the selective filtration (removal) of NO_x and/or CO from smoke.	Thru '78
B.	Evaluate various physical and chemical methods for reducing NO_x in smoke by removing its major precursors from the tobacco substrate, NO_3^-:	
	1. Optimization of solubles extraction.	2nd Qtr.
	2. Optimization of selective nitrate removal.	2nd Qtr.
	3. Make recommendation to Project 1307 for scaleup of extraction/denitration system.	3rd Qtr.
C.	Evaluate various physical and chemical methods for reducing CO in smoke by altering the burn characteristics of the substrate:	
	1. Optimize effects of cigarette weight, size of filler, surface area, etc.	2nd Qtr.
	2. Optimize the use of burn additives to affect a reduction in CO.	3rd Qtr.

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Source: https://www.industrydocuments.ucsf.edu/docs/gmlk0000